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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/943,215

DATE: 09/26/2001
TIME: 12:13:37

Input Set: N:\CrF3\RULE60\09943215.txt
Output Set: N:\CRF3\09262001\I943215.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

6 (1) APPLICANT: Pang, Sheng-Zhi
7 Gonsalves, Dennis
8 Jan, Fuh-Jyh

10 (ii) TITLE OF INVENTION: DNA CONSTRUCT TO CONFER MULTIPLE TRAITS
11 ON PLANTS

13 (iii) NUMBER OF SEQUENCES: 18

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
17 (B) STREET: Clinton Square, P.O. Box 1051
18 (C) CITY: Rochester
19 (D) STATE: New York
20 (E) COUNTRY: U.S.A.
21 (F) ZIP: 14603

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: Floppy disk
25 (B) COMPUTER: IBM PC compatible
26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

ENTERED

29 (vi) CURRENT APPLICATION DATA:

30 (A) APPLICATION NUMBER: US/09/943,215
C--> 31 (B) FILING DATE: 30-Aug-2001
32 (C) CLASSIFICATION:

38 (vii) PRIOR APPLICATION DATA:

35 (A) APPLICATION NUMBER: 09/025,635
36 (B) FILING DATE: 19-FEB-1997

39 (A) APPLICATION NUMBER: US 60/062,870
40 (B) FILING DATE: 21-OCT-1997

42 (viii) ATTORNEY/AGENT INFORMATION:

43 (A) NAME: Goldman, Michael L.
44 (B) REGISTRATION NUMBER: 30,727
45 (C) REFERENCE/DOCKET NUMBER: 19603/1552

47 (ix) TELECOMMUNICATION INFORMATION:

48 (A) TELEPHONE: (716) 263-1304
49 (B) TELEFAX: (716) 263-1600

52 (2) INFORMATION FOR SEQ ID NO: 1:

54 (i) SEQUENCE CHARACTERISTICS:

55 (A) LENGTH: 46 base pairs
56 (B) TYPE: nucleic acid
57 (C) STRANDEDNESS: single
58 (D) TOPOLOGY: linear

60 (ii) MOLECULE TYPE: cDNA

65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

67 AGCTAACTCA GAACCATGGA TGACTCTACTA AGGAAAGCAT TGTTC

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69 (2) INFORMATION FOR SEQ ID NO: 2:

71 (i) SEQUENCE CHARACTERISTICS:

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72 (A) LENGTH: 38 base pairs
73 (B) TYPE: nucleic acid
74 (C) STRANDEDNESS: single
75 (D) TOPOLOGY: linear

77 (ii) MOLECULE TYPE: cDNA
82 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
84 TACAGTTCTA GAACCATGGT CTCCAAAAGC TTGAGGAC

38

84 TACGATCTA GCGGATCGT CCGGAAACCC TGC
86 (2) INFORMATION FOR SEQ ID NO: 3:
88 (i) SEQUENCE CHARACTERISTICS:
89 (A) LENGTH: 41 base pairs
90 (B) TYPE: nucleic acid
91 (C) STRANDEDNESS: single
92 (D) TOPOLOGY: linear

94 (ii) MOLECULE TYPE: cDNA
99 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
101 TACAGTTCTA GAACCATGGT AAAGCGATTT TACTTTTGCT A

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103 (2) INFORMATION FOR SEQ ID NO: 4:
105 (i) SEQUENCE CHARACTERISTICS:
106 (A) LENGTH: 49 base pairs
107 (B) TYPE: nucleic acid
108 (C) STRANDEDNESS: single
109 (D) TOPOLOGY: linear

111 (ii) MOLECULE TYPE: cDNA
116 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

120 (2) INFORMATION FOR SEQ ID NO: 5:

122 (i) SEQUENCE CHARACTERISTICS:
123 (A) LENGTH: 38 base pairs
124 (B) TYPE: nucleic acid
125 (C) STRANDEDNESS: single
126 (D) TOPOLOGY: linear

128 (ii) MOLECULE TYPE: cDNA

133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
135 TACAGTTCTA GAACCATGGA AAATACAAAGG ATCTCGGG

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137 (2) INFORMATION FOR SEQ ID NO: 6:
139 (i) SEQUENCE CHARACTERISTICS:
140 (A) LENGTH: 41 base pairs
141 (B) TYPE: nucleic acid
142 (C) STRANDEDNESS: single
143 (D) TOPOLOGY: linear

145 (ii) MOLECULE TYPE: cDNA
150 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

152 TACAGTCTA GAACCAGGT AGAAGGGAA AGA
154 (2) INFORMATION FOR SEQ ID NO: 7:
156 (i) SEQUENCE CHARACTERISTICS:
157 (A) LENGTH: 36 base pairs
158 (B) TYPE: nucleic acid
159 (C) STRANDEDNESS: single

160 (C) ORIGINALENESS: single
(D) TOPOLOGY: linear

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162 (ii) MOLECULE TYPE: cDNA
167 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
169 AGCATGGAT CCATGGTTAA CACACTAACG AAGCAC 36
171 (2) INFORMATION FOR SEQ ID NO: 8:
173 (i) SEQUENCE CHARACTERISTICS:
174 (A) LENGTH: 36 base pairs
175 (B) TYPE: nucleic acid
176 (C) STRANDEDNESS: single
177 (D) TOPOLOGY: linear
179 (ii) MOLECULE TYPE: cDNA
184 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
186 TCTTGAGGAT CCATGGCTGA TCTTCATTCA TTTCAA 36
188 (2) INFORMATION FOR SEQ ID NO: 9:
190 (i) SEQUENCE CHARACTERISTICS:
191 (A) LENGTH: 36 base pairs
192 (B) TYPE: nucleic acid
193 (C) STRANDEDNESS: single
194 (D) TOPOLOGY: linear
196 (ii) MOLECULE TYPE: cDNA
201 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
203 TCTTGAGGAT CCATGGATTC TGATATATAG CCAAGA 36
205 (2) INFORMATION FOR SEQ ID NO: 10:
207 (i) SEQUENCE CHARACTERISTICS:
208 (A) LENGTH: 39 base pairs
209 (B) TYPE: nucleic acid
210 (C) STRANDEDNESS: single
211 (D) TOPOLOGY: linear
213 (ii) MOLECULE TYPE: cDNA
218 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
220 TACAGTGGAT CCATGGTTAA GGTAAATCCAT AGGCTTGAC 39
222 (2) INFORMATION FOR SEQ ID NO: 11:
224 (i) SEQUENCE CHARACTERISTICS:
225 (A) LENGTH: 36 base pairs
226 (B) TYPE: nucleic acid
227 (C) STRANDEDNESS: single
228 (D) TOPOLOGY: linear
230 (ii) MOLECULE TYPE: cDNA
235 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
237 TCTTGAGGAT CCATGGCTTA ATAACTTCAT TTATGCG 36
239 (2) INFORMATION FOR SEQ ID NO: 12:
241 (i) SEQUENCE CHARACTERISTICS:
242 (A) LENGTH: 36 base pairs
243 (B) TYPE: nucleic acid
244 (C) STRANDEDNESS: single
245 (D) TOPOLOGY: linear
247 (ii) MOLECULE TYPE: cDNA
252 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
254 TCTTGAGGAT CCATGGAAAA GTCTTGAAGT TGAATG 36
256 (2) INFORMATION FOR SEQ ID NO: 13:

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258 (i) SEQUENCE CHARACTERISTICS:
259 (A) LENGTH: 50 base pairs
260 (B) TYPE: nucleic acid
261 (C) STRANDEDNESS: single
262 (D) TOPOLOGY: linear
264 (ii) MOLECULE TYPE: cDNA
269 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
271 AGCTAATCTA GAACCATGGA TGGAAAATTAA CCATAAAGAA AACTTCAGAC 50
273 (2) INFORMATION FOR SEQ ID NO: 14:
275 (i) SEQUENCE CHARACTERISTICS:
276 (A) LENGTH: 53 base pairs
277 (B) TYPE: nucleic acid
278 (C) STRANDEDNESS: single
279 (D) TOPOLOGY: linear
281 (ii) MOLECULE TYPE: cDNA
286 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
288 AGCATTGGAT CCATGGTTAG TTACCTAGTT TTCTTTTCAG CACAGTGCAA ACT 53
290 (2) INFORMATION FOR SEQ ID NO: 15:
292 (i) SEQUENCE CHARACTERISTICS:
293 (A) LENGTH: 30 base pairs
294 (B) TYPE: nucleic acid
295 (C) STRANDEDNESS: single
296 (D) TOPOLOGY: linear
298 (ii) MOLECULE TYPE: cDNA
303 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
305 TTGACTCCAT GGCAGGTGAA ACGCTTGACG 30
307 (2) INFORMATION FOR SEQ ID NO: 16:
309 (i) SEQUENCE CHARACTERISTICS:
310 (A) LENGTH: 33 base pairs
311 (B) TYPE: nucleic acid
312 (C) STRANDEDNESS: single
313 (D) TOPOLOGY: linear
315 (ii) MOLECULE TYPE: cDNA
320 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
322 GTCGTACCAT GGCAGAGATA CTAACGAGTA AAC 33
324 (2) INFORMATION FOR SEQ ID NO: 17:
326 (i) SEQUENCE CHARACTERISTICS:
327 (A) LENGTH: 44 base pairs
328 (B) TYPE: nucleic acid
329 (C) STRANDEDNESS: single
330 (D) TOPOLOGY: linear
332 (ii) MOLECULE TYPE: cDNA
337 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
339 TGAACATCTA GAACCATGGG TAAAGGAGAA GAACTTTCA CTGG 44
341 (2) INFORMATION FOR SEQ ID NO: 18:
343 (i) SEQUENCE CHARACTERISTICS:
344 (A) LENGTH: 44 base pairs
345 (B) TYPE: nucleic acid
346 (C) STRANDEDNESS: single

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347 (D) TOPOLOGY: linear
349 (ii) MOLECULE TYPE: cDNA
354 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
356 TGAACAGGAT CCATGGCTCA CGAATGCTAT TATTTGTATA GTTC

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VERIFICATION SUMMARY

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Input Set : N:\Crf3\RULE60\09943215.txt

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L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]